

SU 912,168

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Translated from Russian by the Ralph McElroy Translation Company  
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This goal is achieved by the fact that the lotion for oily hair that contains ethyl alcohol, scent and water additionally contains 3,3,4-dioxyphenylalanine in the following ratio of components, wt%:

Ethyl alcohol	50-51
Scent	0.5-0.7
3,3,4-Dioxyphenylalanine	1-1.5
Water	Remainder

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The lotion is prepared in the following way.

L-DOPA is dissolved in 4% hydrochloric acid (in a quantity as small as possible—1 mL) in a separate container (glass). 70% ethyl alcohol is prepared in another container. The 70% ethyl alcohol is added by drops to the dissolved L-DOPA, the preparation is thoroughly mixed, then the contents of the container are filtered.

Examples of the proposed lotion are shown in the table.

The lotion is rubbed into the skin of the hair covered part of the head with the aid of a cotton pad continuously for 20 min. A course of treatment consists of 20-30 procedures.

Indications: oily seborrhea of the hair-covered part of the head, accompanied by hair loss.

The lotion removes the oiliness of the hair and skin and of the hair-covered part of the head, reduces hair loss, reduces itching, eliminates dandruff, has a positive effect on the biochemical characteristics of the skin, i.e., it reduces the concentration of cutaneous fatty secretions, increases the concentration of noradrenaline and increases the lipolytic activity of the skin. The lotion does not cause complications or side effects, does not have an irritant or allergenic effect, and does not have an adverse effect on the morphology of the skin.

① Компоненты	② Количество, вес. %		
	I	II	III
③ Этиловый спирт 70%	50,0	50,5	51,0
④ L - ДОФА	1,0	1,2	1,5
⑤ Отдушка	0,5	0,6	0,7
⑥ Вода	48,5	47,7	46,8

- Key:
- 1 Component
  - 2 Amount, wt%
  - 3 Ethyl alcohol, 70%
  - 4 L-DOPA
  - 5 Scent
  - 6 Water

Claim

A lotion for oily hair containing ethyl alcohol, scent and water, which is distinguished by the fact that, with the goal of complete removal of oil, prevention of loss of hair and of formation of dandruff, it additionally contains 3,3,4-dioxyphenylalanine in the following ratio of components, wt%:

Ethyl alcohol	50-51
Scent	0.5-0.7
3,3,4-Dioxyphenylalanine	1-1.5
Water	Remainder

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Sources of information considered in examiner's appraisal:

1. Methodological recommendations for lotion for treatment of patients with premature hair loss against a background of seborrhea adiposa. NII Kosmetologii, 1978.